UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

08/11/2005

Charles D. Holland Morrison & Foerster LLP 755 Page Mill Road Palo Alto, CA 94304-1018

EXAMINER					
WOOD), KEVIN S				
ART UNIT	PAPER NUMBER				
2874					

DATE MAILED: 08/11/2005

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/085,885	02/27/2002	Anthony J. Ticknor	373722002400(CLIENT	7760

REF.:
TITLE OF INVENTION: MICROFLUIDIC CONTROL FOR WAVEGUIDE OPTICAL SWITCHES, VARIABLE ATTENUATORS, AND OTHER OPTICAL DEVICES

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	YES	\$700	\$300	\$1000	11/14/2005	

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents

P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571) 273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

appropriate. All further con indicated unless corrected in inaintenance fee notification	rrespondence including the I below or directed otherwise as.	atent, advance ord in Block 1, by (a)	ters and noti	fication a new co	of maintenance fees v orrespondence address;	vill be mailed to the current and/or (b) indicating a sepa	correspondence address as arate "FEE ADDRESS" for
CURRENT CORRESPONDENCE	CE ADDRESS (Note: Use Block 1 for	any change of address)			Note: A certificate of	mailing can only be used for	or domestic mailings of the
7590 08/11/2005					papers. Each additions	is certificate cannot be used al paper, such as an assignme e of mailing or transmission.	ent or formal drawing, must
Charles D. Holla	nd				Cei	rtificate of Mailing or Trans	smission
Morrison & Foerst					I hereby certify that the States Postal Service v	his Fee(s) Transmittal is bein with sufficient postage for fir 1 Stop ISSUE FEE address	g deposited with the United
755 Page Mill Roa				•	addressed to the Mai	l Stop ISSUE FEE address TO (571) 273-2885, on the o	above, or being facsimile
Palo Alto, CA 943	04-1018				transmitted to the OSF	10 (5/1) 2/3-2883, Off the C	(Depositor's name)
							(Signature)
							(Date)
APPLICATION NO.	FILING DATE	ı	FIRST NAME	D INVEN	TOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/085,885	02/27/2002		Anthony J			373722002400(CLIENT	7760
TITLE OF INVENTION: N	MICROFLUIDIC CONTROL	FOR WAVEGUII	DE OPTICAI	SWITC	CHES, VARIABLE AT	TENUATORS, AND OTHE	ER OPTICAL DEVICES
APPLN. TYPE	SMALL ENTITY	ISSUE FE	EE	PU	BLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700			\$300	\$1000	11/14/2005
EXAM	INER	ART UNI	Т	CL	ASS-SUBCLASS]	
WOOD,	KEVIN S	2874			385-016000		:
Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.				2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.			
PLEASE NOTE: Unless	PRESIDENCE DATA TO B an assignee is identified be an 37 CFR 3.11. Completion of EE	low, no assignee of of this form is NOT	lata will app a substitute	ear on the for filing	ne patent. If an assign		locument has been filed for
Please check the appropriate	e assignee category or categor	ries (will not be pri	nted on the n	atent) :	☐ Individual ☐ Co	orporation or other private gr	oun entity : Government
a. The following fee(s) are			Payment of			or period by	oup chirty — Government
☐ Issue Fee			_ `		ount of the fee(s) is en	closed.	
			Payment by credit card. Form PTO-2038 is attached.				
Advance Order - # of Copies			The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).				
	(from status indicated above)				,	
	MALL ENTITY status. See 3	_				LL ENTITY status. See 37 C	
The Director of the USPTO NOTE: The Issue Fee and P nterest as shown by the reco	is requested to apply the Issu ublication Fee (if required) words of the United States Pate	e Fee and Publicat vill not be accepted int and Trademark	ion Fee (if an from anyone Office.	y) or to : other th	re-apply any previousl an the applicant; a reg	y paid issue fee to the applications istered attorney or agent; or t	ation identified above. he assignee or other party in
Authorized Signature					Date		
Typed or printed name						No	
his collection of information in application. Confidential ubmitting the completed aphis form and/or suggestion	on is required by 37 CFR 1.3 ity is governed by 35 U.S.C. pplication form to the USPT of reducing this burden, sh	11. The information 122 and 37 CFR 1 O. Time will vary ould be sent to the	n is required .14. This col depending up Chief Inform	to obtain lection i pon the i nation O	or retain a benefit by s estimated to take 12 ndividual case. Any co fficer, U.S. Patent and	the public which is to file (an minutes to complete, including comments on the amount of to Trademark Office, U.S. Dep	d by the USPTO to process) ng gathering, preparing, and me you require to complete nartment of Commerce. P.O.

Ŧ Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

_		T				
	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
	10/085,885 02/27/2002		Anthony J. Ticknor	373722002400(CLIENT REF.:	7760	
	7	590 08/11/2005		EXAMINER		
	Charles D. Holla Morrison & Foerst		WOOD, KEVIN S			
	755 Page Mill Roa		ART UNIT	PAPER NUMBER		
	Palo Alto, CA 943	04-1018		2874		
				DATE MAILED: 08/11/2009	5	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 104 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 104 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.